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CLAIM AMENDMENTS:

1. (Canceled) A switching system to interconnect a plurality of peripherals and a video display device with a plurality of computers, allowing a user to access any one of said computers by using said peripherals, comprising:

an input/output switching hub to route control signals transmitted from the peripherals to a selected computer, and to route video signals received from said selected computer to the video display device;

a peripheral connection module to receive said control signals, and to route said video signals;

a computer interface connection unit to route said control signals, and to receive said video signals; and

a memory device to store data from said selected computer, and to transfer said data to any one or more of said computers.

2. (Canceled) The switching system of claim 1 wherein said input/output switching hub is coupled between said computer interface connection unit and said peripheral and video connection modules.

3. (Canceled) The switching system of claim 1 wherein the peripheral connection and video connection are coupled between said peripherals and said input/output switching hub.

4. (Canceled) The switching system of claim 1 wherein said computer interface connection unit is coupled between said input/output switching hub and said plurality of computers.

5. (Canceled) A switching system to interconnect a plurality of peripherals including a keyboard, a cursor control device, and a video display device with a plurality of computers, allowing a user to access any one of said computers by using said peripherals, comprising:

an input/output switching hub to route keyboard and cursor control signals transmitted from the peripherals to a selected computer and to route video signals received from said selected computer to the video display device;

a keyboard connection module, cursor control connection module and video connection module to receive said transmitted keyboard and cursor control signals, and to route said received video signals;

a computer interface connection unit to route said transmitted keyboard and cursor control signals, and to receive said received video signals; and

a memory device to store data from said selected computer, and to transfer said data to any one or more of said computers.

6. (Canceled) The switching system of claim 5 wherein said input/output switching hub is coupled between said computer interface connection unit and said keyboard, cursor control and video connection modules.

7. (Canceled) The switching system of claim 5 wherein the keyboard connection, cursor control connection and video connection are coupled between said peripherals and said input/output switching hub.

8. (Canceled) The switching system of claim 5 wherein said computer interface connection unit is coupled between said input/output switching hub and said plurality of computers.

9. (Canceled) The switching system of claim 5 wherein said computer connection interface unit comprises:

a plurality of keyboard interface connections;

a plurality of cursor control interface connections; and

a plurality of video interface connections.

10. (Canceled) The switching system of claim 5 wherein said memory device is coupled to said computer interface connection unit.

11. (Canceled) The switching system of claim 10 wherein said computer interface connection unit is for routing data to said memory device.

12. (Canceled) The switching system of claim 10 wherein said memory device is random access memory.

13. (Canceled) The memory device of claim 12 wherein said memory is a fast magnetic data storage module.

14. (Currently amended) A method of transferring data from a selected computer to any one of a plurality of computers ~~through a switching system~~ comprising:

~~providing~~ accepting a first user command to transfer ~~on said~~ the data from ~~said~~ the selected computer;

transferring ~~said~~ the data to a clipboard on a memory in a ~~device of said~~ switching system;

~~switching from said selected computer to any one of said plurality of computers;~~ and

~~providing~~ accepting a second user command to transfer ~~said~~ the data from ~~said~~ the clipboard on the memory ~~device~~ to ~~said~~ the any one of ~~a~~ the plurality of computers.

15. (Please cancel)) The method of claim 14 wherein said first and second user commands are identified by said selected computer for routing data between said memory device and said selected computer.

16. (Currently amended) The method of claim 14~~5~~ further comprising accepting a third command to ~~wherein said~~ switch from the selected computer to the any one of ~~said~~ the plurality of computers ~~is performed by an additional user command.~~

17. (New) The method of claim 16 wherein the third command is a request to transfer the data from the clipboard to the any one of the plurality of computers.

18. (New) The method of claim 14 wherein the first user command is a copy command.

19. (New) The method of claim 14 wherein the first user command is a cut command.

20. (New) The method of claim 14 wherein the second user command is a paste command.

21. (New) A system for transferring data, comprising:
a switching system including a memory;
a first computer coupled to the switching system;
a second computer coupled to the switching system; and
a peripheral device coupled to the switching system, the peripheral device capable of accepting commands to transfer the data from the first computer to the second computer.

22. (New) The system according to Claim 21 wherein the peripheral device accepts the commands for execution on one of the first computer and the second computer.

23. (New) The system according to Claim 22 wherein the memory on the switching system includes a clipboard and the commands to transfer the data include a first command to transfer the data from the first computer to the clipboard in the memory on the switching system.

24. (New) The system according to Claim 23 wherein the peripheral device is capable of accepting a second command to switch the peripheral device from accepting the commands for execution on the first computer to accepting the commands for execution on the second computer.

25. (New) The system according to Claim 24 wherein the commands to transfer the data include a third command to transfer the data from the clipboard in the memory on the switching system to the second computer.

26. (New) An article comprising a machine-accessible medium having stored thereon instructions that, when executed by a machine, cause the machine to transfer data from a selected computer to any one of a plurality of computers by:
accepting a first user command to transfer the data from the selected computer;
transferring the data to a clipboard on a memory in a switching system; and
accepting a second user command to transfer the data from the clipboard on the memory to the any one of the plurality of computers.

27. (New) The article according to Claim 24 wherein the instructions, when executed by the machine, further case the machine to transfer data by accepting a third command to switch from the selected computer to the any one of the plurality of computers.

28. (New) The article according to Claim 24 wherein the third command is a request to transfer the data from the clipboard to the any one of the plurality of computers.

29. (New) The article according to Claim 24 wherein the first user command is a copy command.

30. (New) The method article according to Claim 24 wherein the first user command is a cut command.

31. (New) The article according to Claim 24 wherein the second user command is a paste command.